



# PUBLIC NOTICE

**File Number: NRS 14.086**

Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

**APPLICANT:** Tennessee Department of Transportation  
Environmental Permits Section  
Suite 900, James K. Polk Bldg.  
505 Deaderick St.  
Nashville, TN 37243  
615-253-2466

**LOCATION:** State Route 29 from SR61 in Harriman to South of Whetstone Road, Morgan and Roane County (Lat: 35.9725/ Lon: -84.4946)

**PROJECT DESCRIPTION:** The applicant proposes to construct 4.89 miles of State Route 29 from SR61 in Harriman to South of Whetstone Road, Morgan and Roane County (Lat: 35.9725/ Lon: -84.4946) including impacts to wetland and streams.

## IMPACTS:

Impact 1: Latitude: 35.9750 Longitude: -84.4901  
Unnamed tributary to Little Emory River (STR-1) Station 115+38 to Sta. 140+09  
Existing structures include 81 ft. of 5X6 RCBC (to remain) 38 ft. of 48" CMP, 67 ft. of 8X6 RCBC and 100 ft. of 10X6 RCBC (to remain) and 1m469 ft. of open stream channel. The applicant proposes 1,309 ft. of relocated channel (includes 58' of riprap), 193' of 5X6 ft. RCBC, 110' of 8X6 ft. RCBC, 202' of 10X6 ft. RCBC. Associated with this impact are storm water outfalls and water line relocations at Sta. 115+83 (Lt.) and Sta. 128+45 (Rt.).

Impact 2: Latitude: 35.9774 Longitude: -84.4851  
Unnamed tributary to Little Emory River (SPR-1) Station 131+15+/-  
Installation of a spring box with 105 ft. of 18" RCP.

Impact 3: Latitude: 35.9774 Longitude: -84.4851  
Wetland (WTL-1) Station 130+50 to Sta. 131+52  
Permanent impact (filling) to 0.03 acre of wetlands.

Impact 4: Latitude: 35.9793

Longitude: -84.4821

Little Emory River (STR-3)

Station 142+32 to Sta. 168+32

Existing 157 ft. of 5-span concrete deck bridge to be replaced with 195 ft. of 3-span girder bridge with riprap at the abutments. Also, at Station 172+82.50 replace existing 167 ft. of 5-span concrete deck girder bridge with 195' of 2 @ 3-span bridge with riprap at the abutments.

Impact 5: Latitude: 35.9874

Longitude: -84.4827

Little Emory River (STR-3)

Station 171+75 to Sta. 173+90(Lt)

Install a 12" water line.

Impact 6: Latitude: 35.9836

Longitude: -84.4819

Unnamed tributary to Little Emory River (STR-4)

Station 159+92 to Sta. 162+33

Existing 287 ft. of open stream and 72 ft. of 24" RCP to be filled for a total loss of 359 ft. Associated with this impact is relocation of a 12" water line at Sta. 159+92(Lt) and remove of the existing 10" water line.

Impact 7: Latitude: 35.9878

Longitude: -84.4815

Unnamed tributary to Little Emory River (STR-5)

Station 48+60 (Coal Hill Road)

Existing 30 ft. of 60" CMP and 85 ft. of open stream to be replaced with 46 ft. of 60" RCP with 21 ft. of riprap at the outlet and 12 ft. of Class C riprap at the inlet and 43 ft. of open stream. Associated with this impact is removal of an existing 8" water line.

Impact 8: Latitude: 35.9886

Longitude: -84.4841

Bitter Creek (STR-6)

Station 177+04 to Sta. 183+71

Existing 142 ft. of 5-span concrete deck bridge to be replaced with 220 ft. of 3-span bridge (south bound) and 331 ft. of 4-span bridge (north bound). Associated with this impact are storm water outfalls and riprap at the bridge abutments and a 12" water line installation.

Impact 9: Latitude: 35.9889

Longitude: -84.4847

Unnamed tributary to Bitter Creek (STR-6A)

Station 350+55 to 357+00

Existing 130 ft. of open stream and 135 ft. of 24" RCP to be replaced with 148 ft. of 36" RCP with 24 ft. U-shaped end walls and 62 ft. open stream. Associated with this impact is an electrical line and a 12" water line installation.

Impact 10: Latitude: 35.9900

Longitude: -84.4877

Unnamed tributary to Bitter Creek (STR-7)

Station 192+02 to Sta. 197+48

Existing 20 ft. of 24" CMP and 98 ft. of 54" RCP and 173 ft. of open stream to be replaced with 78 ft. of 60" RCP, 7 ft. of catch basin, 107 ft. of 60" RCP plus 18 ft. of riprap and 60 ft. of open stream. Associated with this impact is replacement of a 10" water line with a 12" water line.

Impact 11: Latitude: 35.9906

Longitude: -84.4883

Wetland (WTL-2)

Station 192+69 to Sta. 198+00

Permanent impact (fill) to 0.30 acre wetlands and replace an existing 10" water line with a 12" water line.

Impact 12: Latitude: 35.9904

Longitude: -84.4881

Unnamed tributary to Bitter Creek (STR-8) Station 192+55 to Sta. 199+50 (Rt)  
Existing 285 ft. of open stream channel would be filled. Associated with this impact is replacement of a 10" water line with a 12" water line.

Impact 13: Latitude: 35.9905 Longitude: -84.4892  
Wetland (WTL-3) Station 192+69 to Sta. 198+00  
Permanent impact (fill) to 0.07 acre of wetlands.

Impact 14: Latitude: 35.9914 Longitude: -84.4916  
Unnamed tributary to Bitter Creek (STR-9) Station 204+43+/-  
Existing 73 ft. of 60" RCP and 282 ft. of open stream to be replaced with 248 ft. of 6X4 ft. RCBC with 15 ft. riprap at the outlet and 40 ft. of riprap at the inlet and 55 ft. of open stream. Associated with this impact is replacement of a 10" water line with a 12" water line.

Impact 15: Latitude: 35.9922 Longitude: -84.4933  
Unnamed tributary to Bitter Creek (STR-10) Station 209+50+/- to Sta. 213+06  
Existing 63 ft. of 5' RCBC (to remain) and 31 ft. of 30" CMP and 581 ft. of open stream to be replaced with 63 ft. of 5' RCBC with 2-10 ft. of U-shaped end walls plus 52 ft. of riprap at the inlet, 90 ft. of 6X5 ft. RCBC extension at inlet and 46 ft. of 6X5 ft. RCBC extension at the outlet. And 390 ft. of open channel (including 79 ft. of riprap). Associated with this impact is 3/4" with 2" casing water line and removal of a 10" water line.

Impact 16: Latitude: 35.9926 Longitude: -84.4954  
Unnamed tributary to Bitter Creek (STR-11) Station 216+98 to Sta. 218+15  
Existing 80 ft. of 30" CMP and 148 ft. of open stream to be replaced with 107 ft. of open stream relocation for a loss of 121 ft.

Impact 17: Latitude: 35.9937 Longitude: -84.4973  
Wetland (WTL-5) Station 221+45 to Sta. 223+87  
Permanent impact (fill) to 0.10 acre of wetlands. Associated with this impact is removal of a 10" water line.

Impact 18: Latitude: 35.9933 Longitude: -84.4972  
Unnamed tributary to Bitter Creek (STR-12) Station 221+99 to Sta. 224+30  
Existing 74 ft. of 36" RCp and 178 ft. of open stream to be replaced with 177 ft. of 42" RCP with 20 ft. riprap at the inlet and 30 ft. of riprap at the outlet and 278 ft. of open channel (228 ft. concrete lined channel and 50 ft. of riprap). Associated with this impact is a 12" water line.

Impact 19: Latitude: 35.9949 Longitude: -84.4994  
Wetland (WTL-6) Station 230+50 to Sta. 223+20  
Permanent impact (fill) to 0.07 and temporary impact to 0.06 acre of wetlands. Associated with this impact is a 12" water line.

Impact 20: Latitude: 35.9951 Longitude: -84.4991  
Unnamed tributary to Bitter Creek (STR-13) Station 230+89

Existing 65 ft. of 6X5 ft. RCBC (to remain) and 174 ft. of open stream to be replaced with 92 ft. of 6X5 ft. RCBC extension at the inlet and 14 ft. of 6X5 RCBC extension at the outlet with 30 ft. riprap at the inlet and 20 ft. riprap at the outlet and 50 ft. of riprap lined open stream. Associated with this impact is removal of a 10" water line.

Impact 21: Latitude: 35.9962 Longitude: -84.5004  
Wetland (WTL-6a) Station 234+42 to Sta. 236+30  
Permanent impact (fill) to 0.1 acre of wetlands. Associated with this impact is a 12" water line.

Impact 22: Latitude: 35.9962 Longitude: -84.5004  
Unnamed tributary to Bitter Creek (STR-13) Station 230+89  
Existing 79 ft. of 24" CMP and 50 ft. of open stream to be replaced with 140 ft. of 76"X48" RCP and 78 ft. of open stream (riprap). Associated with this impact is a 12" water line.

Impact 23: Latitude: 35.9979 Longitude: -84.5019  
Wetland (WTL-8) Station 241+81 to Sta. 244+44  
Permanent impact (fill) to 0.03 and temporary impact to 0.04 acre of wetlands.

Impact 24: Latitude: 35.9974 Longitude: -84.5018  
Unnamed tributary to Bitter Creek (STR-14) Station 241+38  
Existing 69 ft. of 72" CMP and 661 ft. of open stream to be replaced with 188 ft. of 6X4 ft. RCBC with 20 ft. riprap and 45 ft. 6X4 ft. with 15 ft. of riprap inlet and outlet and 469 ft. of open stream. Associated with this impact is a 12" water line and removal of an existing 10" line.

Impact 25: Latitude: 35.9986 Longitude: -84.5025  
Wetland (WTL-9) Station 245+02 to Sta. 250+92  
Permanent impact (fill) to 0.92 acre of wetlands. Associated with this impact is a 3/4" water line and removal of an existing 10" line.

Impact 26: Latitude: 35.9983 Longitude: -84.5026  
Unnamed tributary to Bitter Creek (STR-14a) Station 241+59 to Sta. 251+99  
Existing 41 ft. of 15" CMP and 39 ft. of 15" CMP and 987 ft. of open stream to be filled.

Impact 27: Latitude: 36.0002 Longitude: -84.5060  
Wetland (WTL-10) Station 259+25 to Sta. 260+12  
Permanent impact (fill) to 0.07 acre of wetlands. Associated with this impact is removal of an existing 10" line.

Impact 28: Latitude: 36.0002 Longitude: -84.5060  
Unnamed tributary to Bitter Creek (STR-15) Station 259+66+/-  
Existing 58 ft. of 30" RCP and 56 ft. open stream to be replaced with 27 ft. of 18" perforated pipe and 69 ft. of 36" RCP and 18 ft. of riprap lined open stream.

Impact 29: Latitude: 36.0008 Longitude: -84.5070  
Wetland (WTL-11) Station 262+11 to Sta. 266+57

Permanent impact (fill) to 0.17 acre of wetlands. Associated with this impact is removal of an existing 10" line.

Impact 30: Latitude: 36.0017 Longitude: -84.5092  
Unnamed tributary to Bitter Creek (STR-16) Station 269+60 to Sta. 271+42  
Existing 118 ft. of open stream to be relocated into a channel 118 ft. in length.

Impact 31: Latitude: 36.0015 Longitude: -84.5088  
Unnamed tributary to Bitter Creek (STR-16a) Station 270+29 to Sta. 270+31 (Lt.)  
Existing 31 ft. of open stream to be filled.

Impact 32: Latitude: 36.0032 Longitude: -84.5121  
Forked Creek (STR-17) Station 280+51  
Existing 67 ft. of 3@12X5 RCBC (to remain) and 109 ft. open stream. Applicant proposes to extend the 3@12X5 ft. RCBC by 54 ft. at the inlet (with 8 ft. of riprap) and 25 ft. at the outlet (with 22 ft. riprap). Associated with this impact is a 12" water line and removal of an existing 10" line.

**MITIGATION REQUIRED:** The applicant proposes mitigating for the permanent impact to 1.77 acres of wetlands by debiting, at a 2:1 ratio, 3.54 acre of available credit from the Walls Wetland Mitigation Site. Mitigation for 3,053 ft. of stream encapsulation and 44 ft. of riprap would be mitigated by payment of \$741,300.00 to the Tennessee Stream Mitigation Program.

**DEGRADATION:** In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will not result in degradation to water quality.

**WATERSHED / WATERBODY DESCRIPTION:** Bitter Creek is part of the Emory River watershed which includes cool, clear streams with high gradients. The Emory River Watershed is located in East Tennessee and includes parts of Bledsoe, Cumberland, Fentress, Morgan and Roane counties. It is approximately 872 square miles and drains to the Clinch River embayment of Watts bar Reservoir. For more information on this watershed please visit <http://www.state.tn.us/environment/water/watersheds/lower-tennessee-river.shtml>

**Stream Name / ID #:** Bitter Creek (ID TN06010208041\_0100)

**Ecoregion:** Cumberland Plateau Ecoregion (68a)

**Stream Dimension:** Channel bottom width 15-20 ft.  
Chanel top width 17-25 ft.  
Water depth 4-17"  
Bank height 1-3 ft.

**Substrate:** Cobble and boulder

Designated Use	Use Support
Fish and aquatic life	fully supporting
Recreation	fully supporting
Industrial water supply	fully supporting
Irrigation	fully supporting

Livestock watering & wildlife                      fully supporting

This stream is available for additional impacts to habitat.

**Assessment Date:**     2012

**PERMIT COORDINATOR:** Brian Canada

**FACTORS CONSIDERED:** In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

**COMMENTING:** Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

**PUBLIC HEARING:** Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

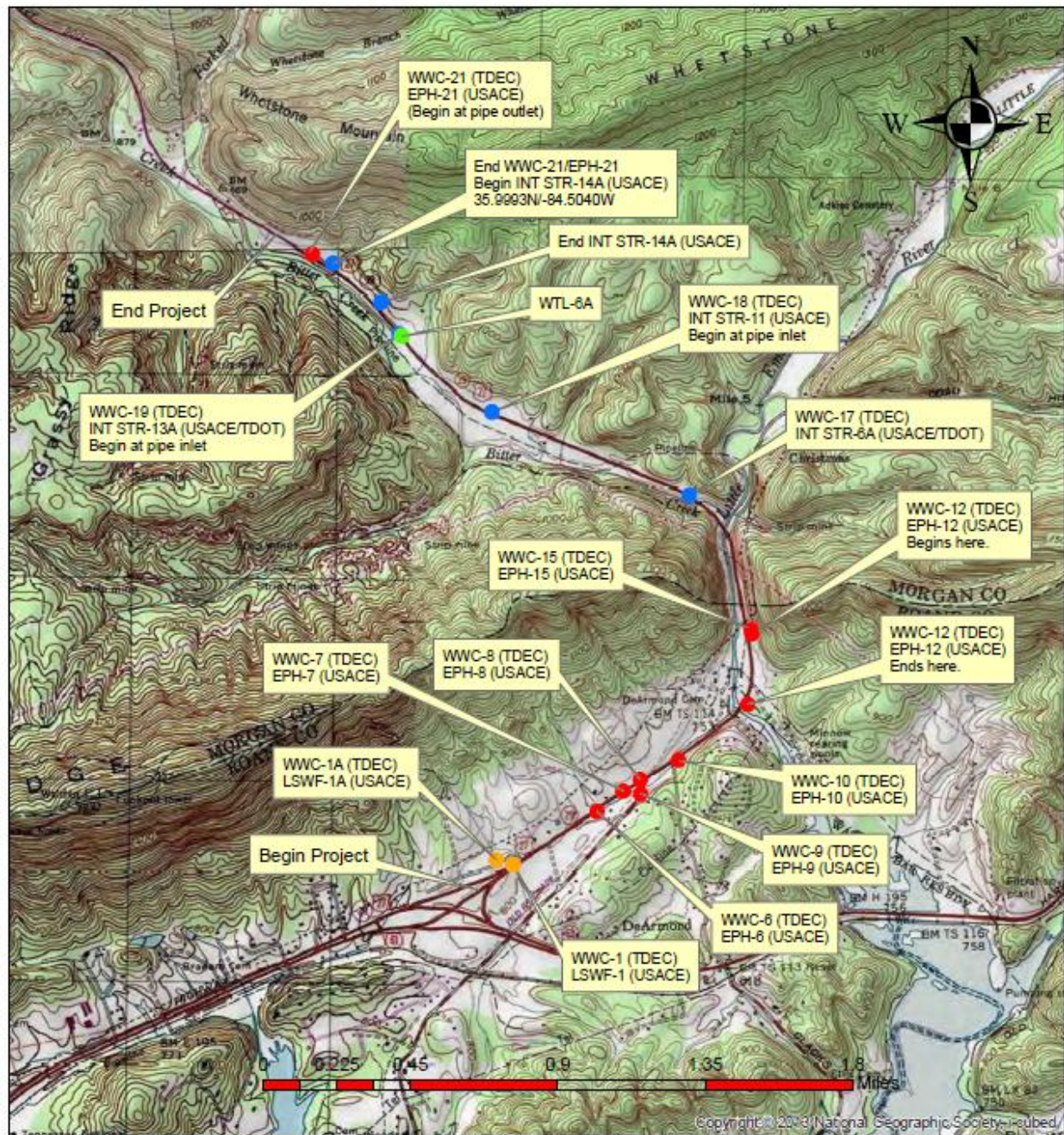
**APPEAL:** A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Dr. Sandra Dudley, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 12<sup>th</sup> floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

**FILE REVIEW:** The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation  
Division of Water Resources, Natural Resources Unit  
William R. Snodgrass Tennessee Tower

312 Rosa L. Parks Avenue, 11th Floor  
Nashville, Tennessee 37243





**Amended Water Resources Map - topo**  
**SR-29 from SR-61 to south of Whetstone Rd.**  
**Roane-Morgan Counties, TN**

Camp Austin 122 SE, Elverton  
 Harriman 123 NE, Petros 129 !

2-5-14  
 PIN 101411.04 PE #65001-326





TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

FOR INDEX SEE SHEET 1A

# STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION BUREAU OF ENGINEERING

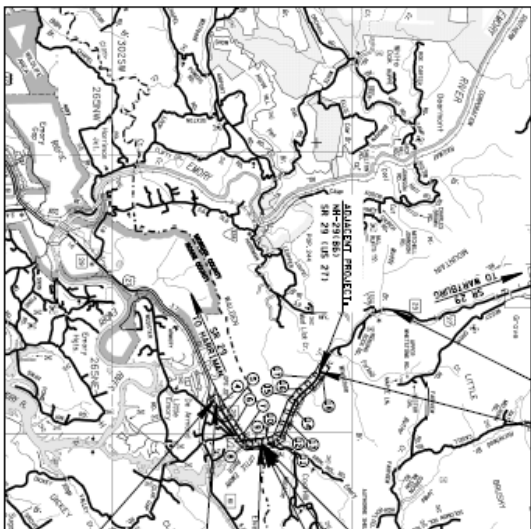
## ROANE / MORGAN COUNTIES

STATE ROUTE 29 (US-27)  
FROM STATE ROUTE 61 NEAR HARRISMAN IN ROANE COUNTY TO  
SOUTH OF WHELSTONE ROAD IN MORGAN COUNTY  
ROANE AND MORGAN COUNTIES  
CONSTRUCTION

STATE HIGHWAY NO. 29 F.A.H.S. NO. 29

END RIGHT-OF-WAY FEDERAL PROJECT  
STATE PROJECT NO. 65001-2251-14  
PIN 101411.01  
STA. 351+48.09 S.R. 29  
END CONSTRUCTION FEDERAL PROJECT  
STATE PROJECT NO. 65001-2266-14  
STA. 259+00.00 S.R. 29

EQUATION	
DESCRIPTION	NET EFFECT
STA. 259+00.00 S.R. 29	17782.97
STA. 351+48.09 S.R. 29	17782.97
TOTAL	-17782.97



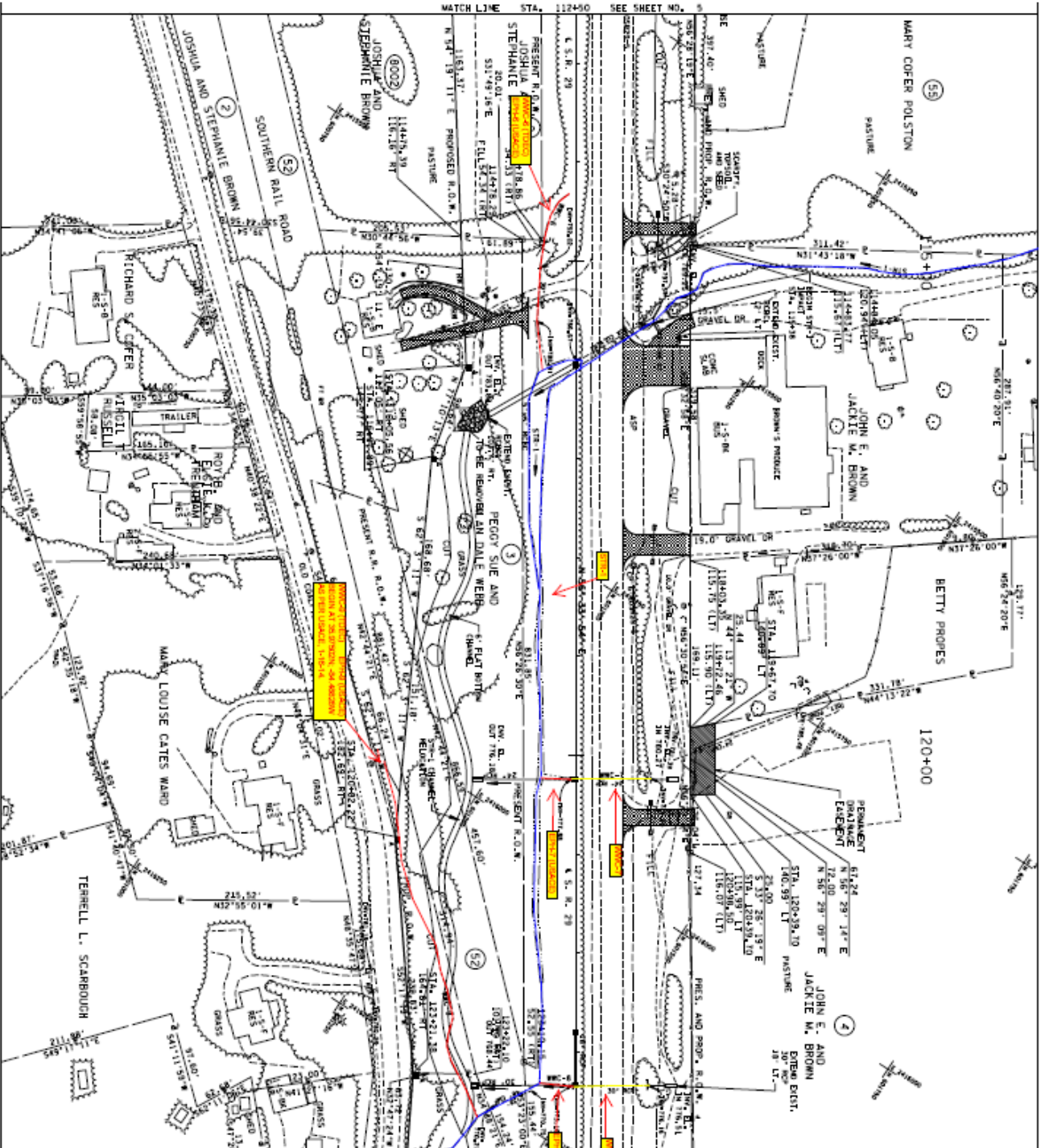
SCALE: 1" = 1 MILE

CONSTRUCTION PROJECT LENGTH	
ROANE HIGHWAY LENGTH	1.290 MILES
ROANE HIGHWAY LENGTH	0.050 MILES
ROANE HIGHWAY LENGTH	0.050 MILES
ROANE HIGHWAY LENGTH	1.290 MILES
TOTAL PROJECT LENGTH	3.114 MILES

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ADT (1284)	5,120
ADT (1281)	5,120
ADT (1278)	5,120
ADT (1275)	5,120
ADT (1272)	5,120
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ADT (1266)	5,120
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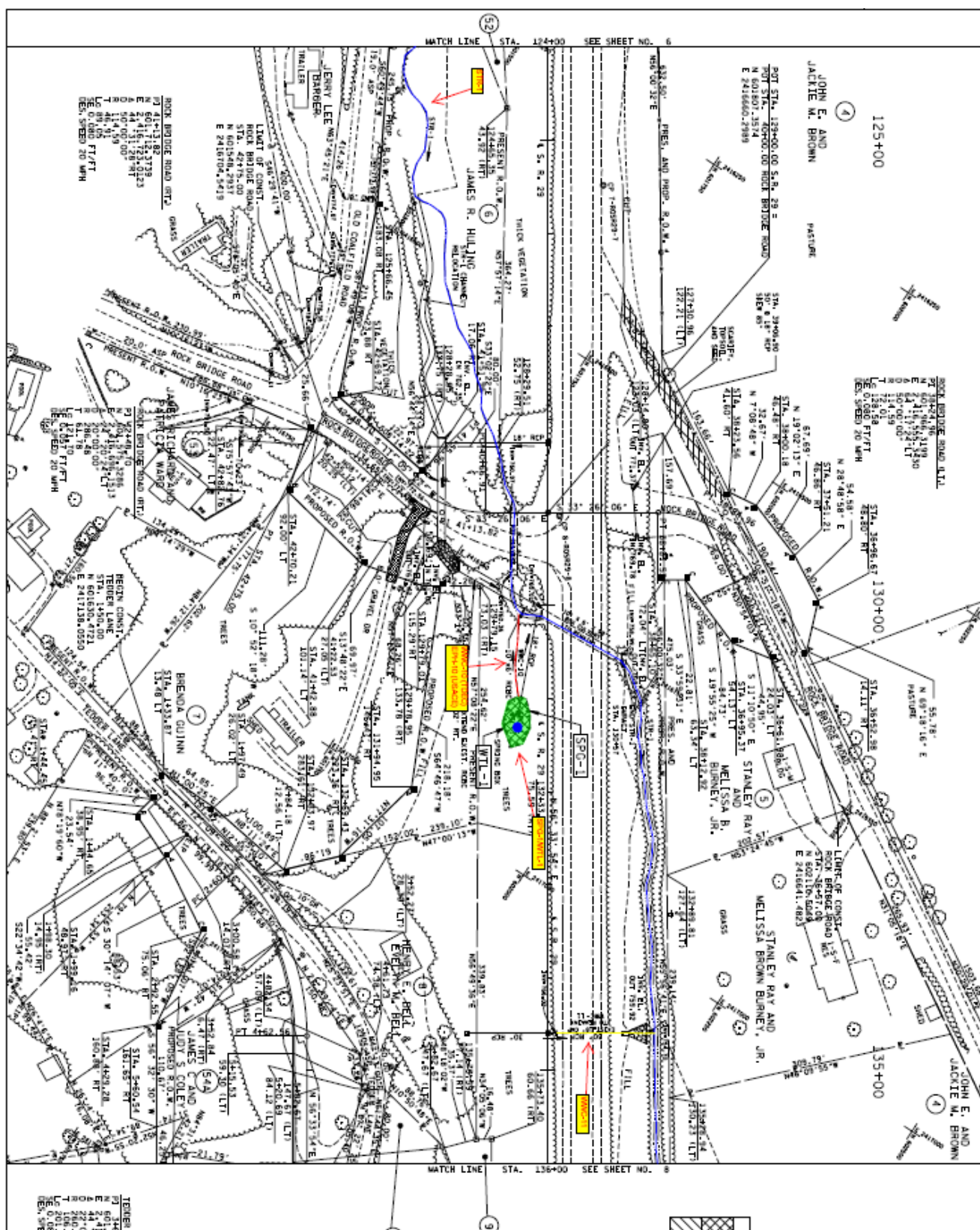
TYPE
R.O.W.
R.O.W.
CONDT.

06/18/2024 AS202 BEARING  
 EACH BEARING AT PREVIOUS L.S.  
 AS202 BEARING AND DISTANCE  
 BEARING ON TRAIL 7, 4000  
 12/12/2024 AS202 TRAIL 32



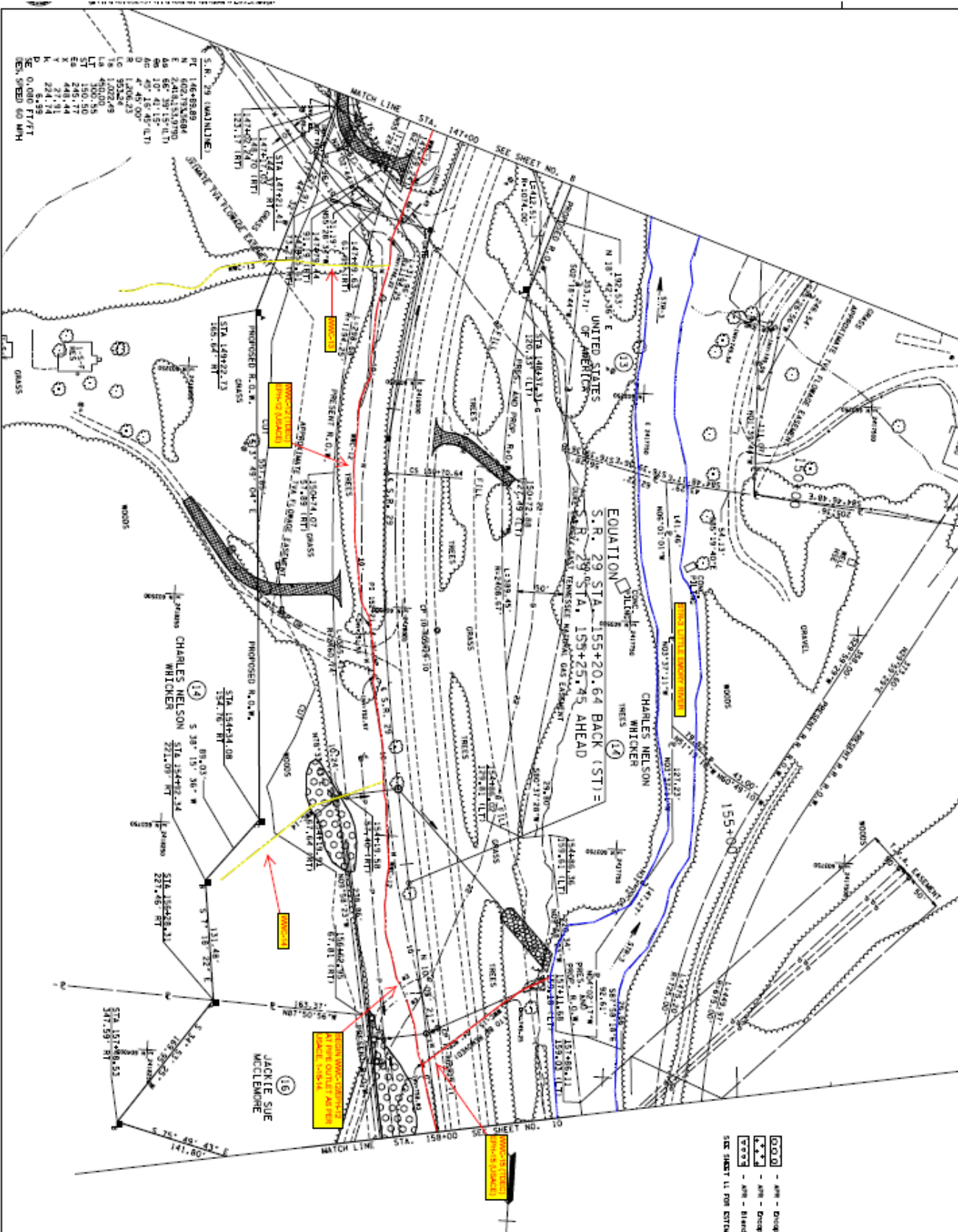
EASEMENT FOR 10' WIDE ROAD  
 EASEMENT FOR 10' WIDE ROAD  
 EASEMENT FOR 10' WIDE ROAD













THELMA LOUISE FORD COFER

CNX GAS CO., LLC

END CONSTRUCTION FEDERAL PROJECT

NO. NH-29(84)

STATE PROJECT NO. 73008-3243-14

~~STA.~~ 162+71 46 S.R. 29  
~~Highway~~ ~~Sta.~~ ~~N.H.~~ ~~R.O.W.~~

165+00  
BEGIN CONSTRUCTION FEDERAL PROJECT

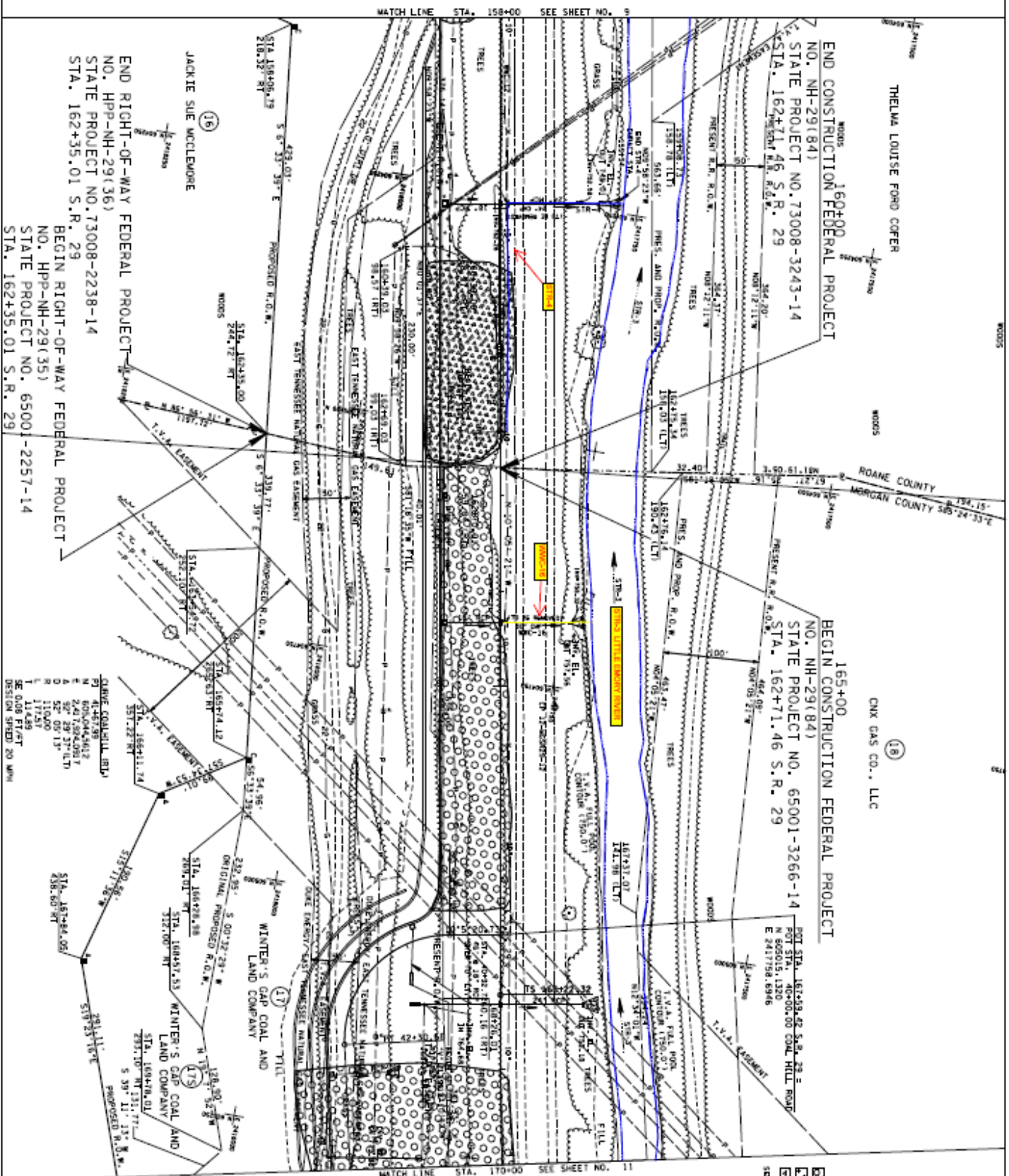
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STATE PROJECT NO. 65001-3266-14

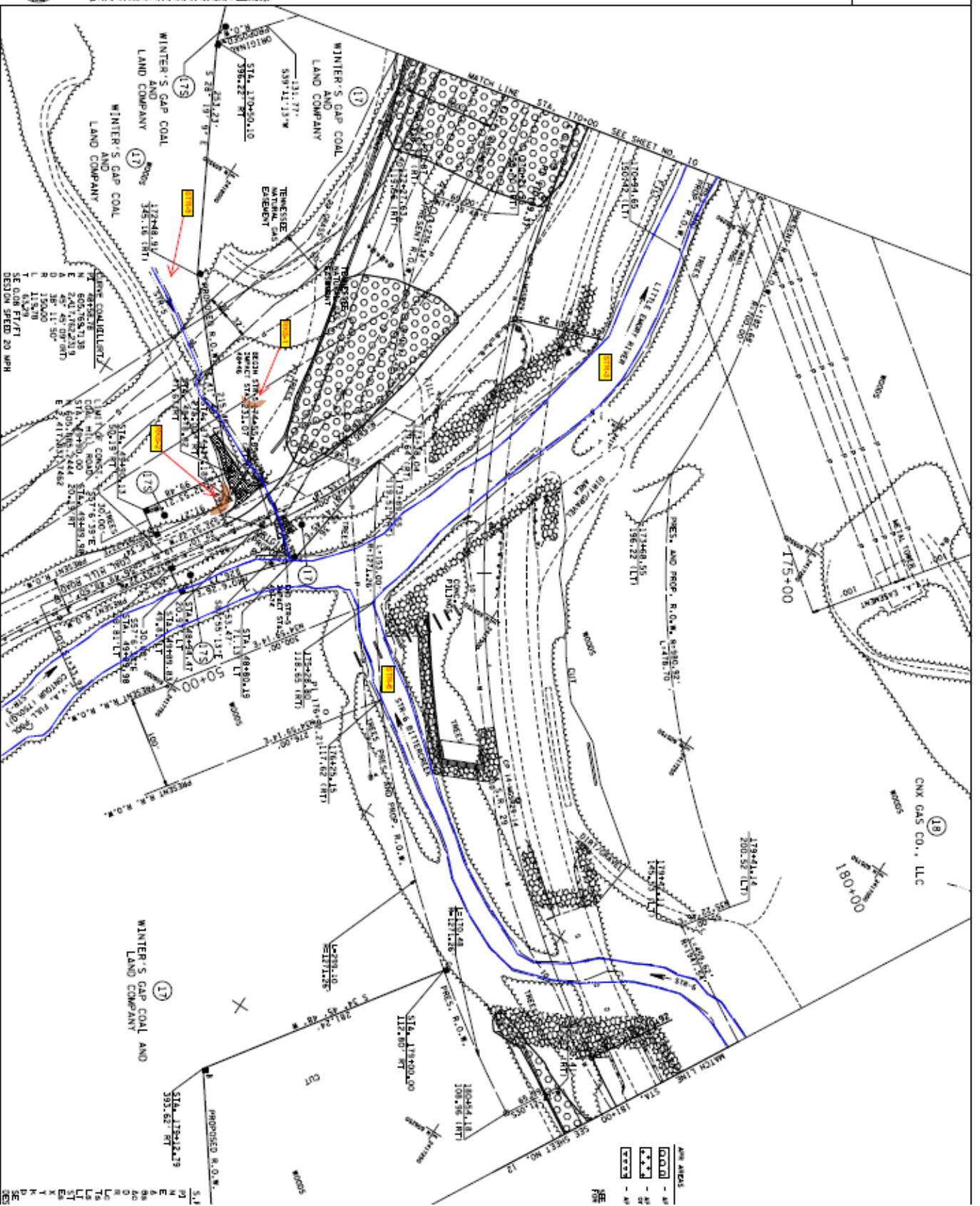
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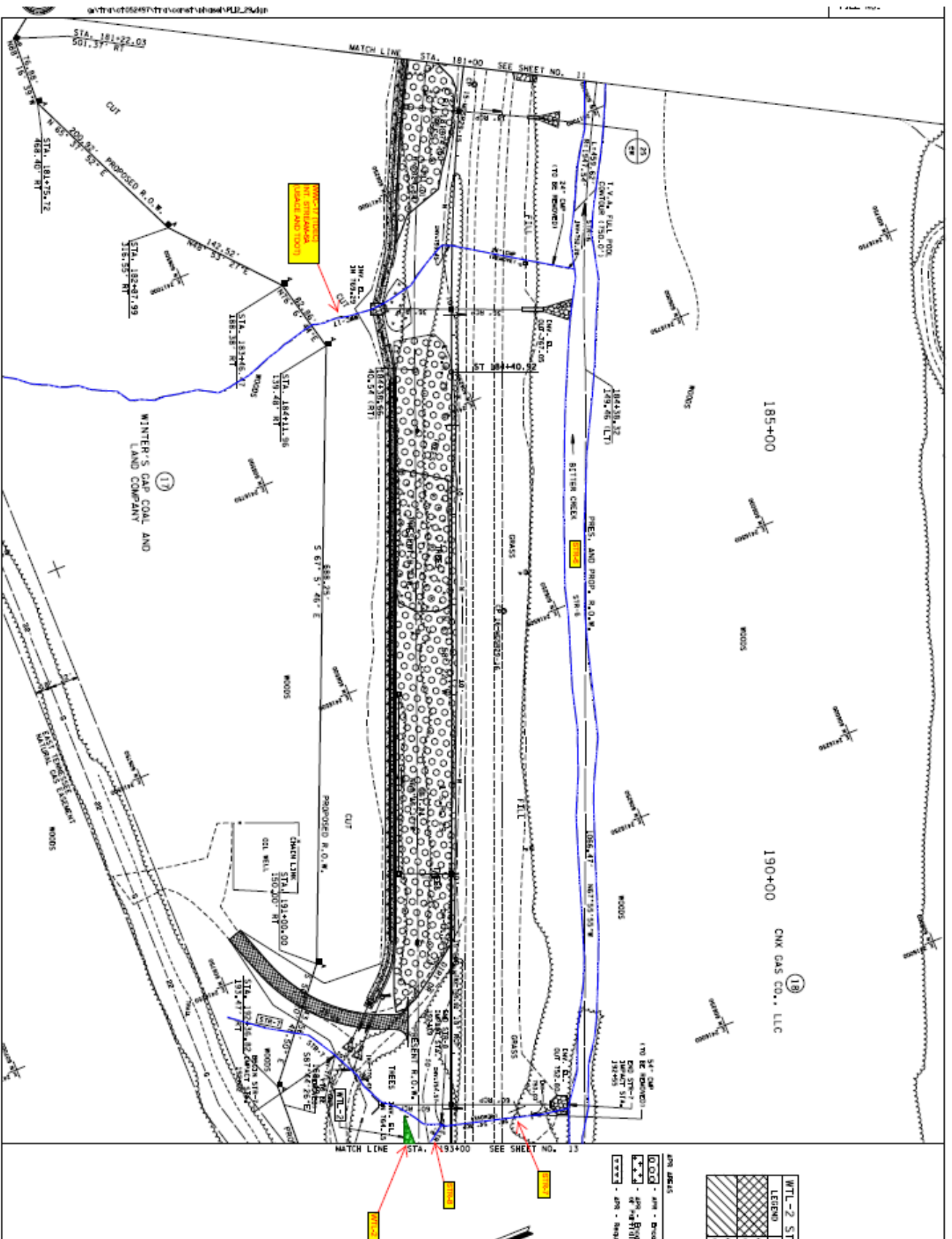
POT STA. 40+00.00 COAL HILL ROAD  
N 605015, 1320  
E 2417758, 6946

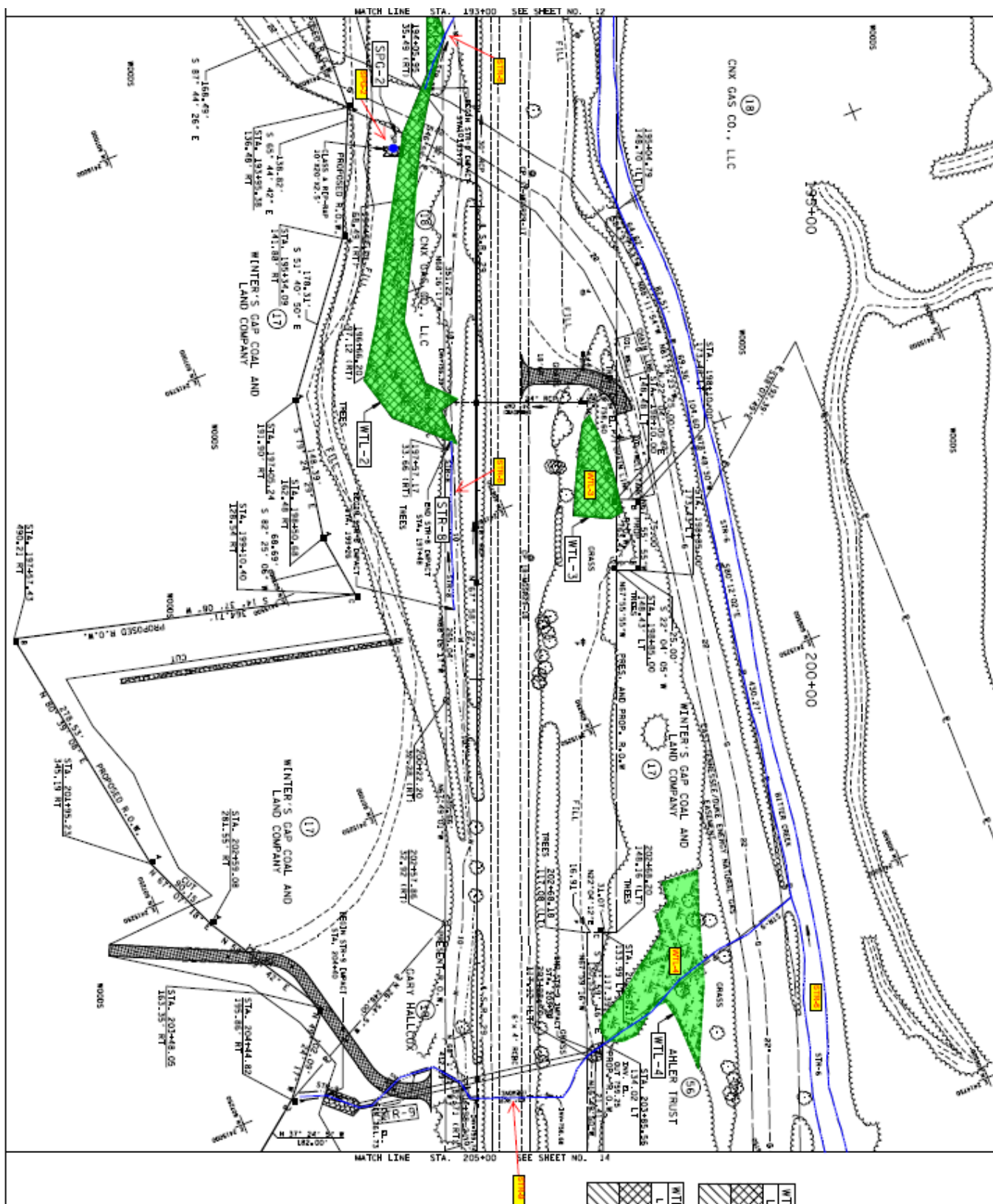
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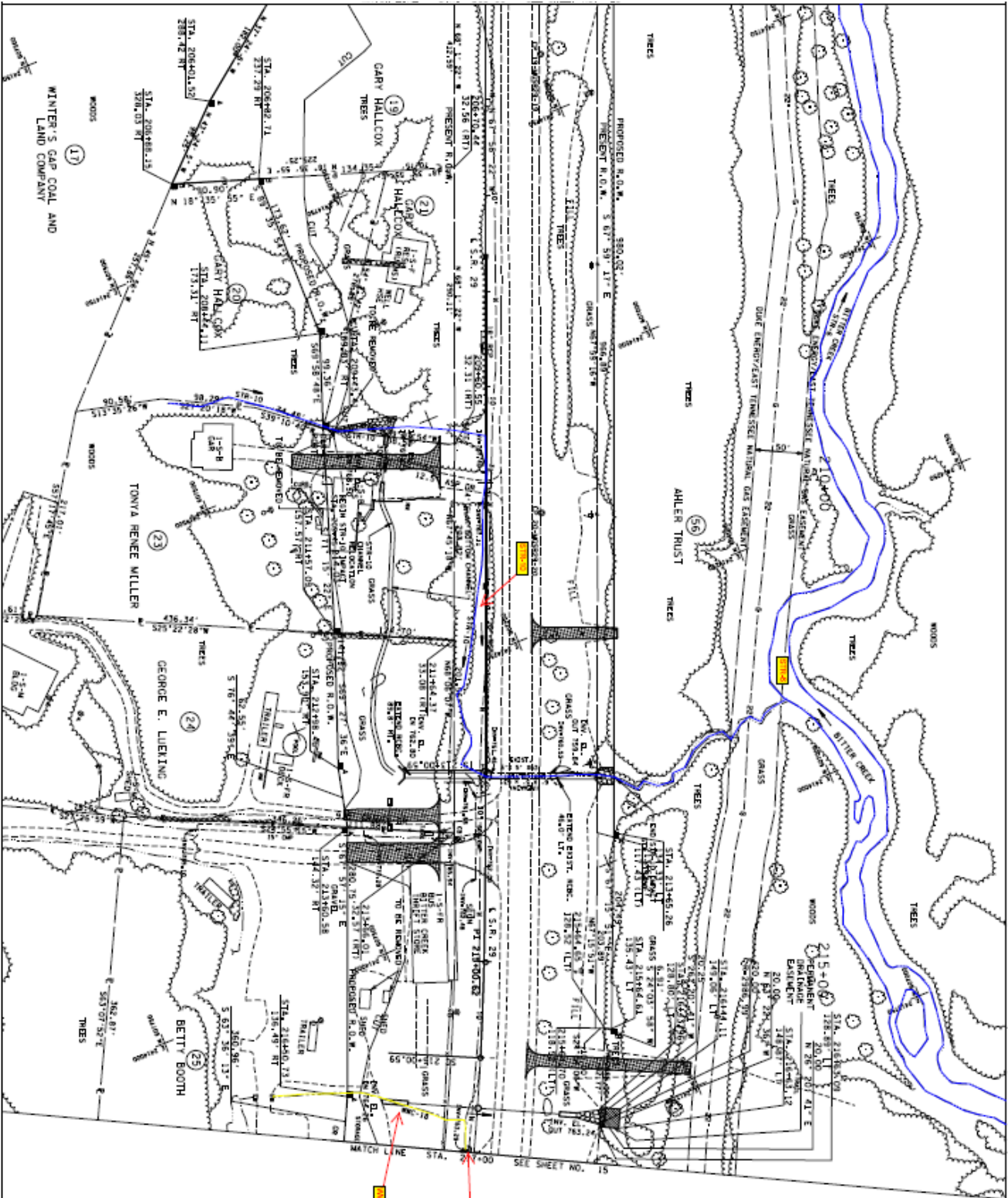












TYPE	NO.
R.O.W.	21
R.O.W.	21
CONST.	21

04/18/2024 REVISED P  
 15, 21 & 20 AND DRAFT  
 REVISIONS (ONCE MADE TO)  
 1/28/2024, ADDED 0317  
 PERMANENT DISCOUNT TO  
 PRICE AT STATION 214+

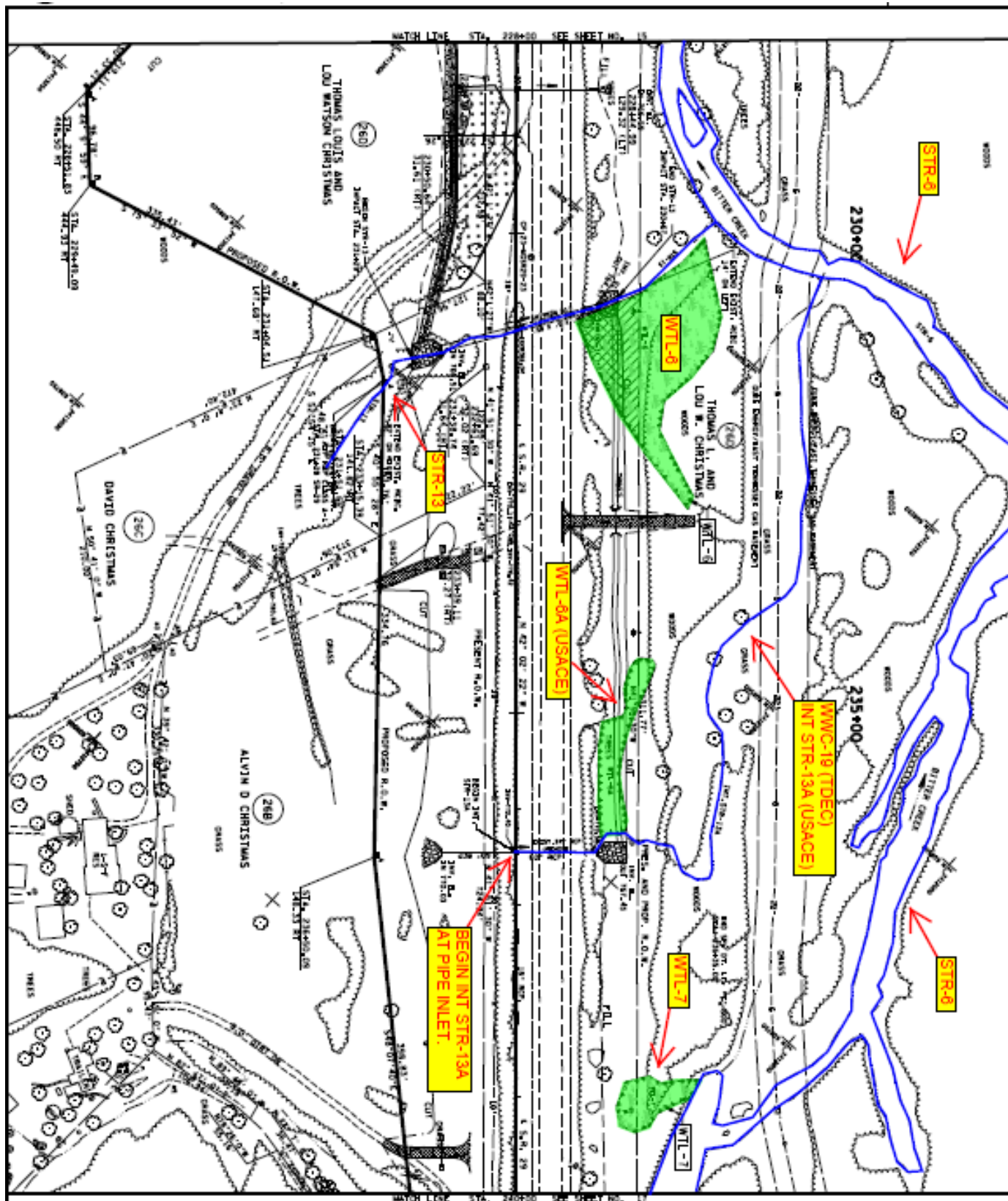
PROPOSED R.O.W. FOR  
 PIPELINE (ONCE MADE TO)  
 1/28/2024, ADDED 0317  
 PERMANENT DISCOUNT TO  
 PRICE AT STATION 214+



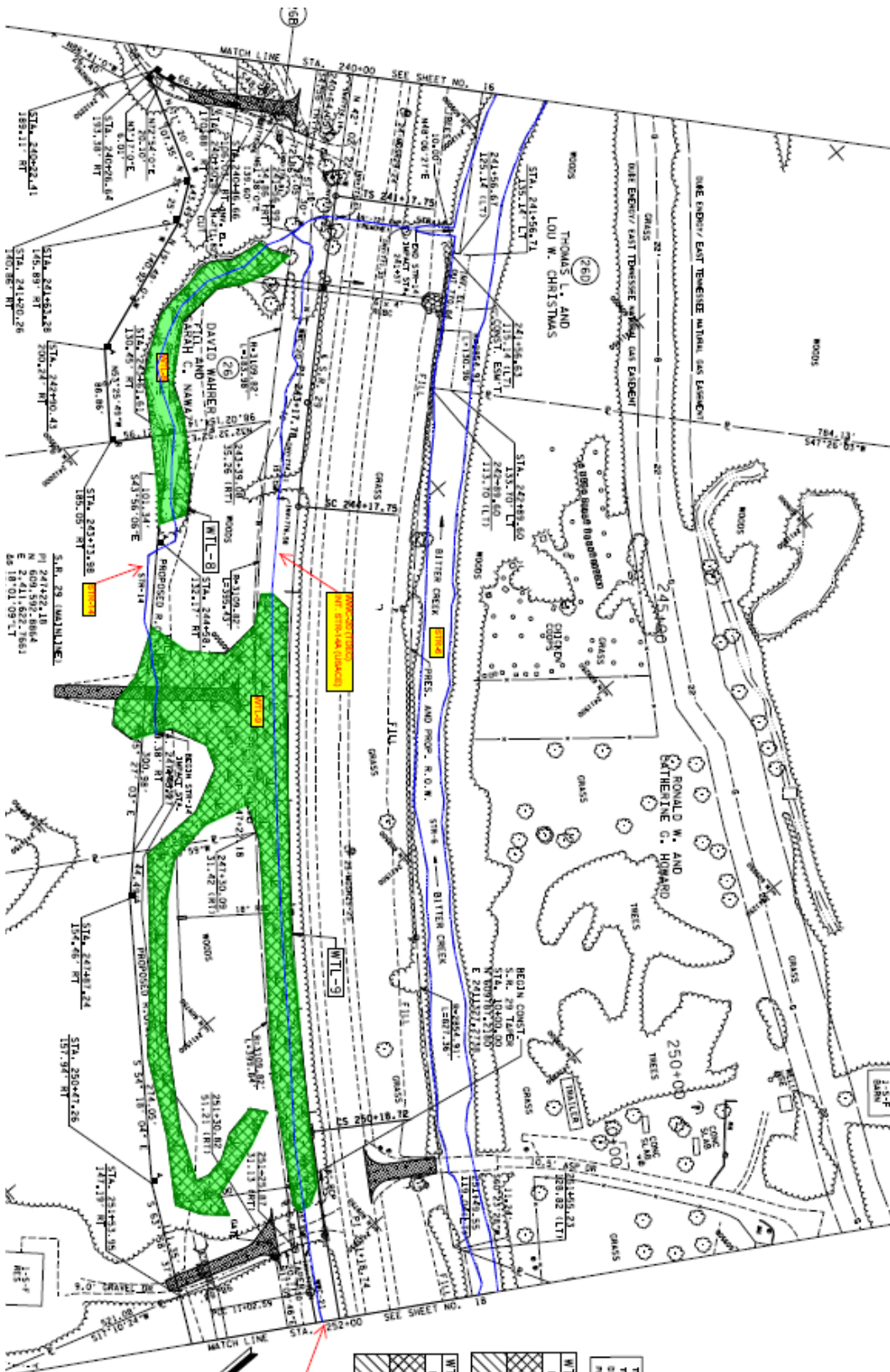
GRAPH  
 FACTOR  
 1" = 100'











TYPE	DATE	PROJECT
R.O.W.	2008	RRP-MH-23
R.O.W.	2008	RRP-MH-23
CONSTR.	2013	MH-2318

06/18/2010 REMARKED THAT LEFT AS TRACT 260 AND MEX. (OWNERSHIP).

1/26/2011, MOVED BEARING 1 PROPERTY LINE AT STA. 2414

THE CONTRACTOR SHALL USE ANY MEASUREMENT TO DETERMINE THE LOCATION OF THE WTL-8 AND WTL-9 AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE WTL-8 AND WTL-9 AREAS FROM REMOVAL AND OTHER DAMAGE.

WTL-8 STA 21+81 TO 244+
LEGEND
WETLAND IMPACTS
AREA OF REMOVAL IMPACT = 0.
AREA OF TEMPORARY IMPACT = 0.
AREA OF PERMANENT IMPACT = 0.

WTL-9 STA 245+02 TO STA. 252+00
LEGEND
WETLAND IMPACTS
AREA OF REMOVAL IMPACT = 0.
AREA OF TEMPORARY IMPACT = 0.
AREA OF PERMANENT IMPACT = 0.

CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE WTL-8 AND WTL-9 AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE WTL-8 AND WTL-9 AREAS FROM REMOVAL AND OTHER DAMAGE.

FILE NO.

MATCH LINE STA. 252+00 SEE SHEET NO.

